3-28-01

1633

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/444,284

DATE: 03/16/2001
TIME: 15:20:35

Input Set : A:\PTO.txt
Output Set: N:\CRF3\03162001\I444284.raw

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 3 <110> APPLICANT: Vogels, Ronald
 4        Havenga, Menzo
 5        Bout, Abraham
 7 <120> TITLE OF INVENTION: Gene delivery vectors provided with a tissue tropism for smooth muscle
 8        cells, and/or endothelial cells
10 <130> FILE REFERENCE: 2183-4231US
12 <140> CURRENT APPLICATION NUMBER: US 09/444,284
13 <141> CURRENT FILING DATE: 1999-11-19
15 <150> PRIOR APPLICATION NUMBER: EP 98203921.6
16 <151> PRIOR FILING DATE: 1998-11-20
18 <160> NUMBER OF SEQ ID NOS: 24
20 <170> SOFTWARE: PatentIn version 3.0
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 90 <221> NAME/KEY: misc_feature
 91 <223> OTHER INFORMATION: /note="Tail nucleotide D"
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143 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
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148 <223> OTHER INFORMATION: /note="Knob nucleotide 2"
151 <400> SEQUENCE: 7
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Input Set : A:\PTO.txt
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186 <223> OTHER INFORMATION: /note="Knob nucleotide 4"
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205 <223> OTHER INFORMATION: /note="Knob nucleotide 5"
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224 <223> OTHER INFORMATION: /note="Knob nucleotide 6"
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RAW SEQUENCE LISTING   DATE: 03/16/2001
PATENT APPLICATION: US/09/444,284   TIME: 15:20:35

Input Set : A:\PTO.txt
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262 <223> OTHER INFORMATION: /note="Knob nucleotide 8"
265 <400> SEQUENCE: 13
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275 <221> NAME/KEY: misc_feature
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279 <400> SEQUENCE: 14
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285 <212> TYPE: DNA
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288 <220> FEATURE:
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302 <220> FEATURE:
303 <221> NAME/KEY: misc_feature
304 <223> OTHER INFORMATION: /note="Ad5 chimeric fiber"
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312 gagagtcccc ctggggtact ctctttgcgc ctatccgaac ctctagttac ctccaatggc     180
314 atgcttgcgc tcaaaatggg caacggcctc tctctggacg aggccggcaa ccttacctcc     240
316 caaaatgtaa ccactgtgag cccacctctc aaaaaaacca agtcaaacat aaacctggaa     300
318 atatctgcac ccctcacagt tacctcagaa gccctaactg tggctgccgc cgcacctcta     360
320 atggtcgcgg gcaacacact caccatgcaa tcacaggccc cgctaaccgt gcacgactcc     420
322 aaacttagca ttgccaccca aggacccctc acagtgtcag aaggaaagct agccctgcaa     480
324 acatcaggcc ccctcaccac caccgatagc agtaccctta ctatcactgc ctcacccct      540
326 ctaactactg ccactggtag cttgggcatt gacttgaaag agcccattta tacacaaaat     600
328 ggaaaactag gactaaagta cggggctcct ttgcatgtaa cagacgacct aaacactttg     660
330 accgtagcaa ctggtccagg tgtgactatt aataatactt ccttgcaaac taaagttact     720
332 ggagccttgg gtttttgattc acaaggcaat atgcaactta atgtagcagg aggactaagg     780
334 attgattctc aaaacagacg ccttatactt gatgttagtt atccgtttga tgctcaaaac     840
336 caactaaatc taagactagg acagggccct ctttttataa actcagccca caacttggat     900
338 attaactaca acaaaggcct ttacttgttt acagcttcaa acaattccaa aaagcttgag     960
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346 cttagttttg acagcacagg tgccattaca gtaggaaaca aaaataatga taagctaact    1200
348 ttgtggacca caccagctcc atctcctaac tgtagactaa atgcagagaa agatgctaaa    1260
350 ctcactttgg tcttaacaaa atgtggcagt caaatacttg ctacagtttc agttttggct    1320
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354 tttgacgaaa atggagtgct actaaacaat tccttcctgg acccagaata ttggaacttt    1440
356 agaaatggag atcttactga aggcacagcc tatacaaacg ctgttggatt tatgcctaac    1500
358 ctatcagctt atccaaaatc tcacggtaaa actgccaaaa gtaacattgt cagtcaagtt    1560
360 tacttaaacg gagacaaaac taaacctgta acactaacca ttacactaaa cggtacacag    1620
362 gaaacaggag acacaactcc aagtgcatac tctatgtcat tttcatggga ctggtctggc    1680
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366 gaataa                                                               1746
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374 <220> FEATURE:
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382 <223> OTHER INFORMATION: n can be any nucleotide
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390 aaaccaccag gtgtattagc acttaattac aaagacccca ttgtaactga aaatggaacc     180
392 cttacactca agctagggga cggaataaaa cttaatgccc aaggtcaact tacagctagt     240
394 aataatatca atgttttgga gcccccttacc aacacctcac aaggtcttaa actttcttgg     300
396 agcgcccccc tagcagtaaa ggctagtgcc ctcacactta acacaagagc gcccttaacc     360
398 acaacggatg aaagcttagc cttaataacc gcccctccca ttacagtaga gtcttcgcgt     420
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Please Note:
**Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220> to
<223> fields of ach sequenc which presents at least one n or Xaa.**

VERIFICATION SUMMARY   DATE: 03/16/2001
PATENT APPLICATION: US/09/444,284   TIME: 15:20:36

Input Set : A:\PTO.txt
Output Set: N:\CRF3\03162001\I444284.raw

L:442 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:614 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20